

Notice of Allowability

Application No.

10/688,353

Examiner

Brian R. Peugh

Applicant(s)

BHUGRA ET AL.

Art Unit

2187

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication of 5/11/06.
2. ☒ The allowed claim(s) is/are 1-18, 26 and 27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/2/05; 3/5/04; 5/11/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on May 11, 2006 has not been considered as it contains reference previously considered by the Examiner.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: The prior art teaches related CAM systems but fails to teach the combination including the limitation of:

(Claim 1) "...a first search key that requires at least one data cycle to load into said search engine before a first search of a first one of the plurality of databases is performed using a first search word derived from the first search key; and a second search key that comprises a replacement search key segment and at least one search key segment from the first search key";

(Claim 10) "...a first search key that requires at least one data cycle to load into said search engine before a search of a first of the plurality of databases is performed using a search word that is derived from the first search key; and a second search key that comprises at least one search key segment from the first search key and another search key segment that is loaded into said search engine after the first search key";

(Claim 14) "...using a corresponding plurality of search keys that include a longest first search key that requires multiple cycles to load into said search engine before a search of a first of the plurality of databases is performed and at least one shortest search key that requires fewer than the multiple cycles to load into said search

engine and comprises a replacement search key segment and at least one search key segment derived from the longest first search key”;

(Claim 15) “...a first search key that requires multiple data cycles to load into said search engine before a first search of a first one of the plurality of databases is performed; a second search key that comprises a first replacement search key segment and at least a first search key segment derived from the first search key; and a third search key that comprises a second replacement search key segment and at least a second search key segment derived from the first search key”;

(Claim 26) “searching one or more databases within the search engine device using a second search key that is unequal to the first search key and comprises a search key segment from the first search key and a replacement search key segment that is loaded into the search engine device after the first search key has been loaded into the search engine device”.

Claims 2-9, 11-13, 16-18 and 27 are allowable as being dependent upon, and thus incorporating therein, the allowable subject matter of the respective claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian R. Peugh whose telephone number is (571) 272-4199. The examiner can normally be reached on Monday-Thursday from 7:00am to 4:30pm. The examiner can also be reached on alternate Friday's from 7:00am to 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Sparks, can be reached on (571) 272-4201. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Brian R. Peugh
Primary Examiner

June 9, 2006